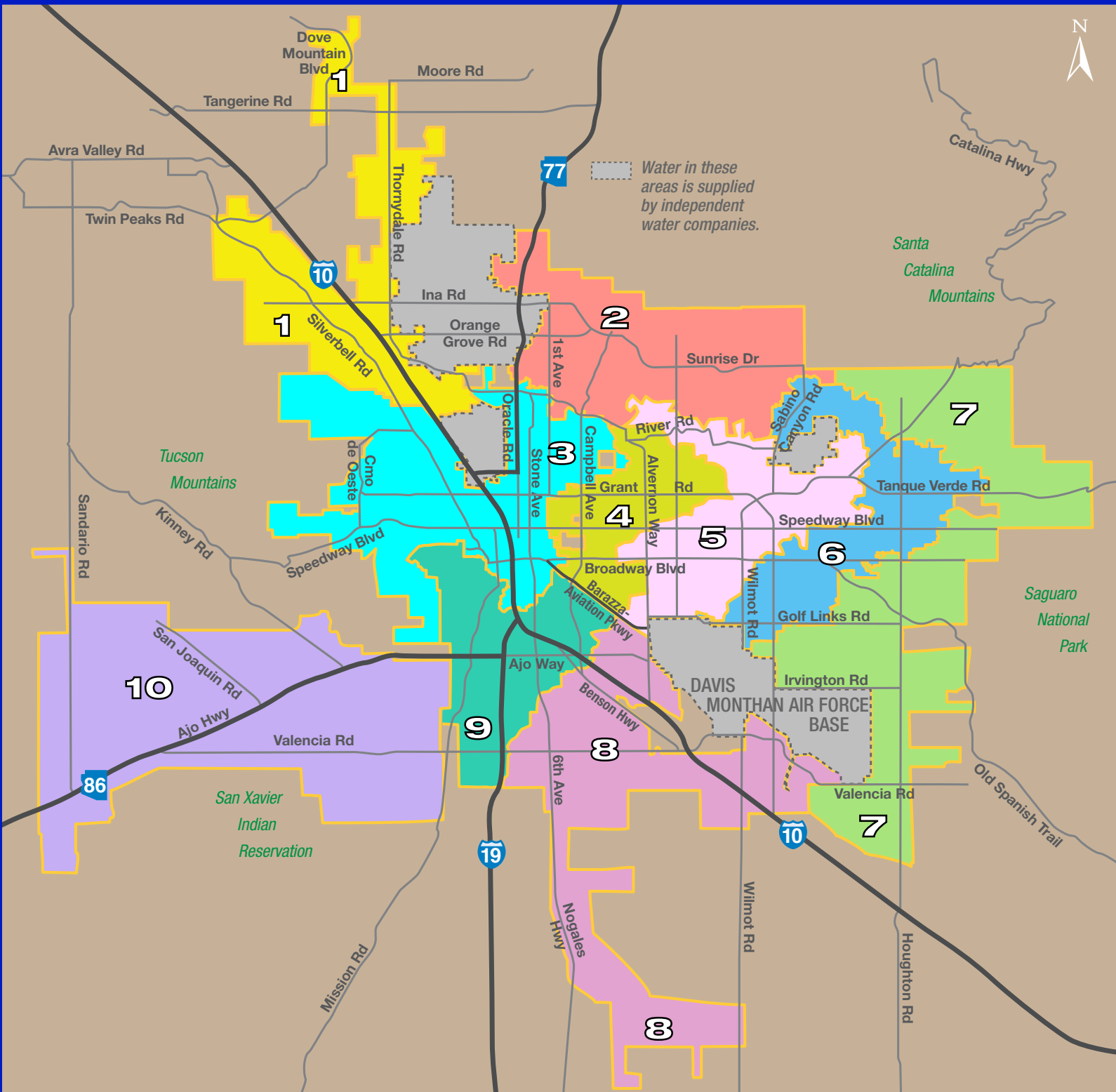


December 2015

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

## Main Water System



December 2015

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

## Main Water System

### TEST RESULTS BY WATER QUALITY ZONE

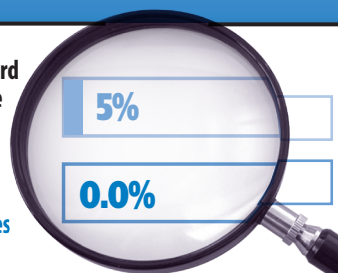
Zones	Hardness (mg/L*) 88 SP	Sodium (mg/L*) 86 SP	Nitrate-N (mg/L*) 86 SP	Fluoride (mg/L*) 86 SP	pH Level (S.U.) 248 SP	Minerals (mg/L*) 248 SP	Temperature (deg°F) 248 SP
1	187	67	1.83	0.46	7.9	458	70.1
2	236	68	1.00	0.44	7.9	500	72.5
3	228	65	1.52	0.56	8.0	465	71.2
4	240	70	0.80	0.37	7.9	503	72.0
5	233	67	0.85	0.38	7.9	495	70.5
6	234	67	0.82	0.40	7.9	494	71.0
7	209	58	1.14	0.36	7.9	444	69.6
8	235	60	2.10	0.58	7.7	463	71.6
9	232	63	1.66	0.51	7.8	466	73.8
10	115	47	1.96	0.45	7.9	303	72.6
<b>Avg</b>	<b>223</b>	<b>64</b>	<b>1.29</b>	<b>0.45</b>	<b>7.9</b>	<b>469</b>	<b>71.4</b>

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points S.U. = Standard Units

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard  
for positive  
samples  
Positive  
results  
247 samples

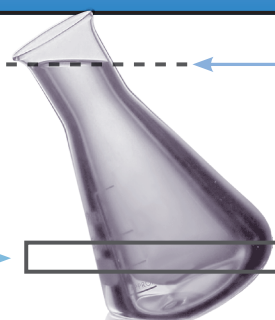


#### CHLORINE

EPA Standard  
Max. 4.0 mg/L

Actual Average  
247 samples—1.0 mg/L

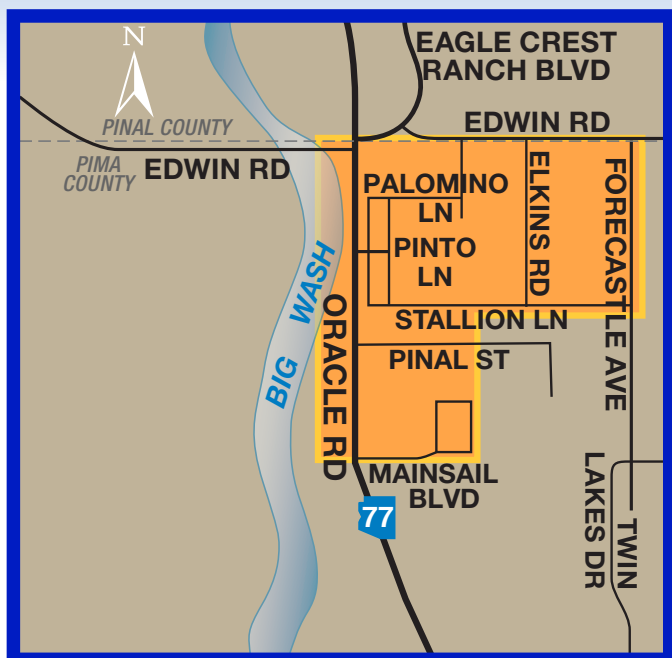
Tucson Water  
target average  
0.8 to 1.2 mg/L



Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

## Catalina Water System

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 persons with water from two wells.



### TEST RESULTS from 2 Sample Points (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 2 SP	Minerals (mg/L*) 2 SP	Temperature (deg°F) 2 SP
87	24	0.42	0.57	8.2	174	63.1

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

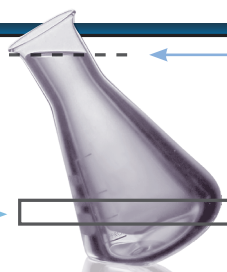


### CHLORINE

Actual Average  
1.0 mg/L

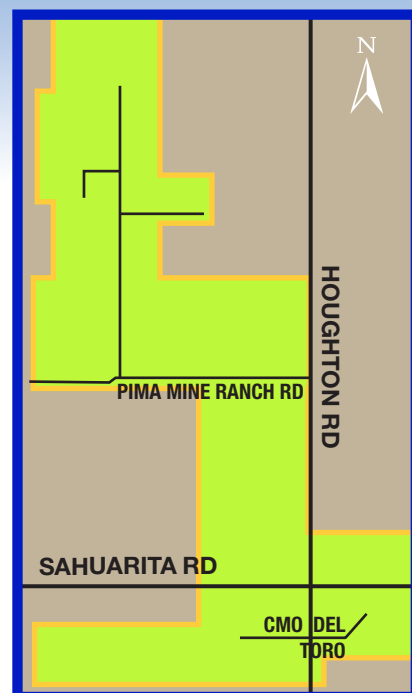
EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



## Corona de Tucson Water System

Corona de Tucson is a community located near Sahuarita and Houghton Roads, with about 2,600 connections supplying about 7,300 persons with water from three wells.



### TEST RESULTS from 9 Sample Points (SP)

Hardness (mg/L*) 3 SP	Sodium (mg/L*) 3 SP	Nitrate-N (mg/L*) 3 SP	Fluoride (mg/L*) 3 SP	pH Level (S.U.) 9 SP	Minerals (mg/L*) 9 SP	Temperature (deg°F) 9 SP
208	52	0.97	0.41	7.6	387	67.9

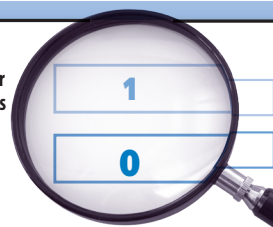
\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

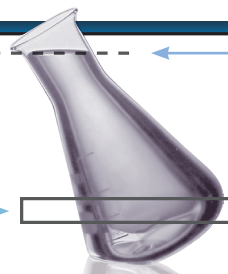


### CHLORINE

Actual Average  
1.0 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



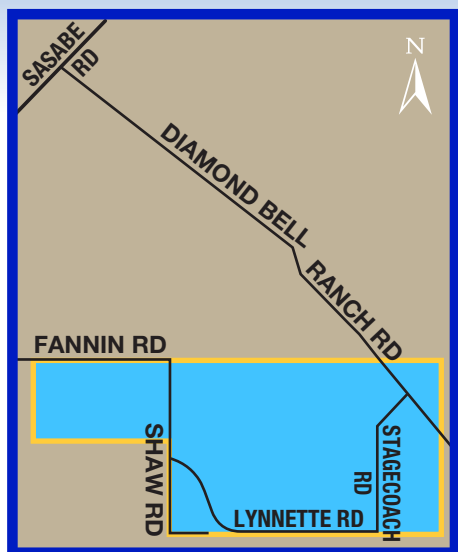
December 2015

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## Diamond Bell Water System

Diamond Bell is a community located south and east of Sasabe Road and Diamond Bell Ranch Road respectively,

with about 200 connections supplying about 570 persons with water from two wells.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
113	30	1.55	0.24	7.8	218	64.8

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples  
Positive result

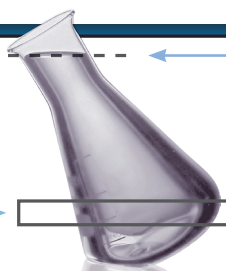


#### CHLORINE

Actual Average  
1.0 mg/L

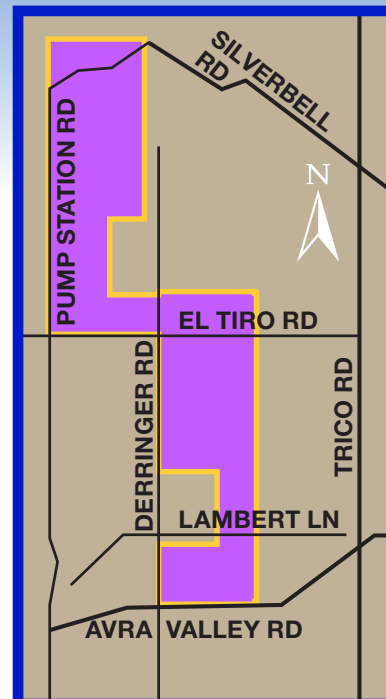
EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



## Rancho del Sol Lindo & White Fence Farms Water System

Rancho del Sol Lindo is a community located southwest of Silverbell Road and North Trico Road. Rancho del Sol Lindo has about 1,000 connections, supplying about 2,700 persons with water from two wells.



### TEST RESULTS from 3 Sample Points (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 3 SP	Minerals (mg/L*) 3 SP	Temperature (deg°F) 3 SP
147	40	3.71	0.54	7.9	269	65.1

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples  
Positive results

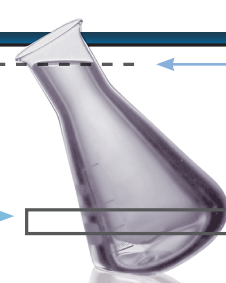


#### CHLORINE

Actual Average  
1.1 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L

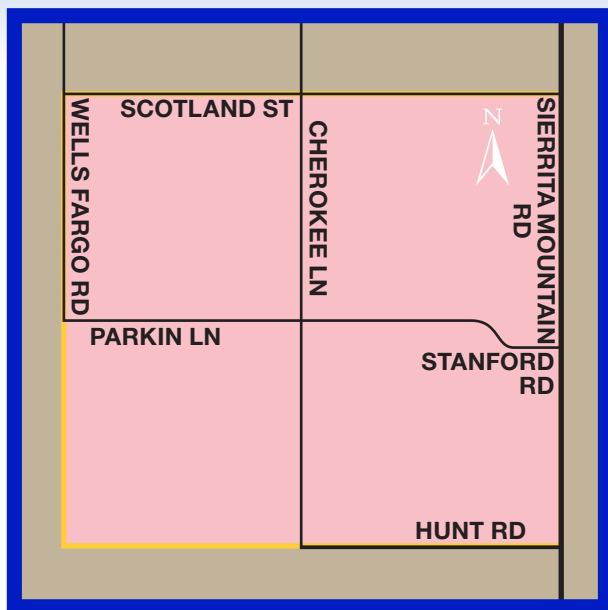


December 2015

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## Sierrita Foothills Water System

This is a small community by the Three Points area, with 30 connections supplying approximately 75 people from one well.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
91	40	1.63	0.48	7.9	220	64.9

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

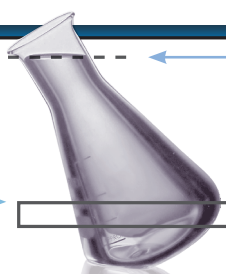


#### CHLORINE

Actual Average  
1.2 mg/L

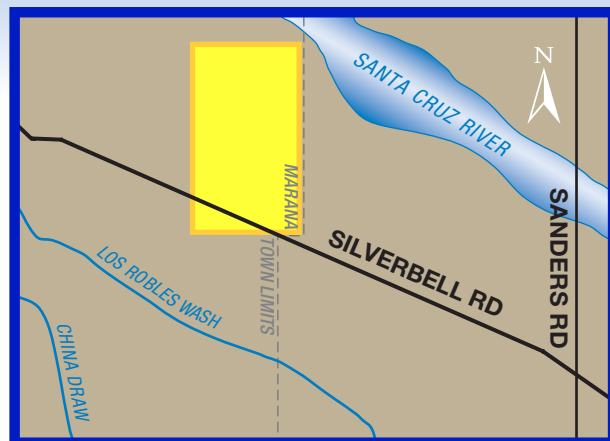
EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



## Silverbell West Water System

The Silverbell West system has 83 connections serving approximately 230 people from one well.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
274	85	3.70	0.41	7.6	599	64.6

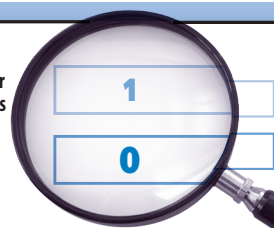
\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

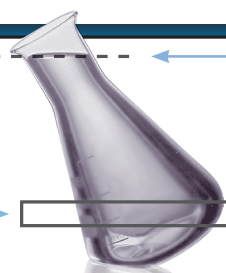


#### CHLORINE

Actual Average  
1.0 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L

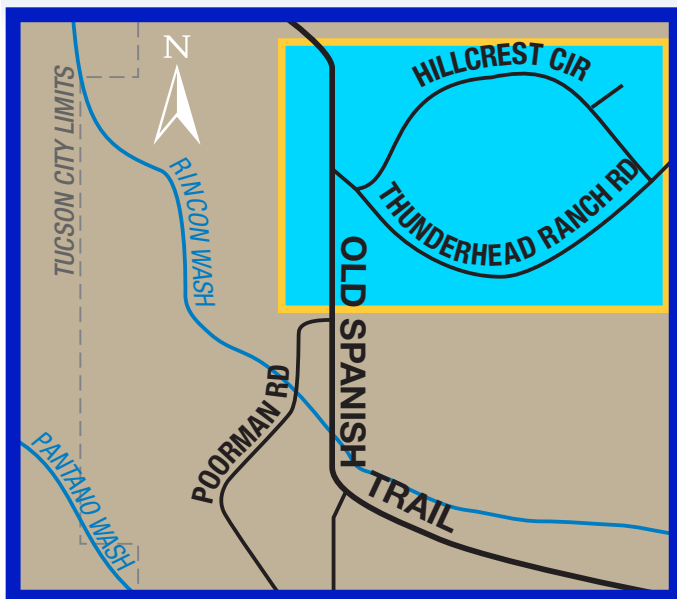




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## Thunderhead Ranch Water System

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 persons with water from two wells.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
82	13	1.49	0.15	8.1	145	64.8

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

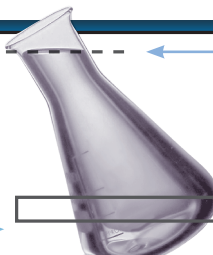


#### CHLORINE

Actual Average  
0.7 mg/L

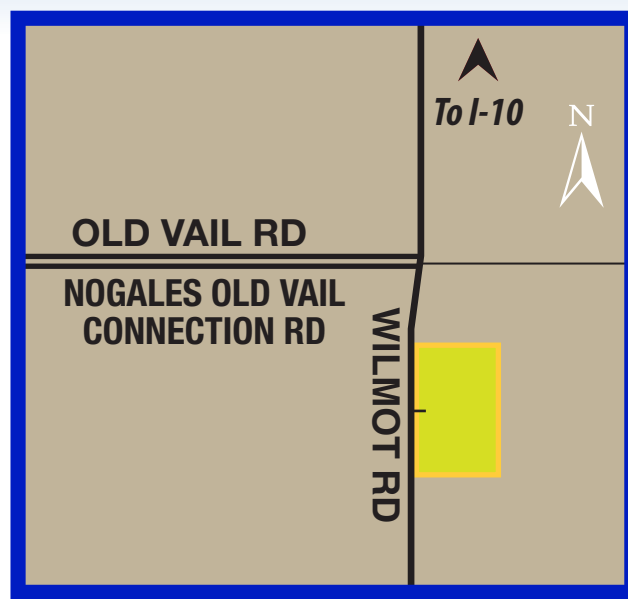
EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



## Tucson Police-Fire Academy Water System

The Police-Fire Academy, located south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 persons regularly, plus class members taught at this facility.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
197	42	0.78	0.29	7.6	357	69.3

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

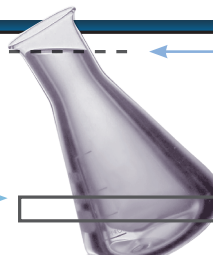


#### CHLORINE

Actual Average  
1.2 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L

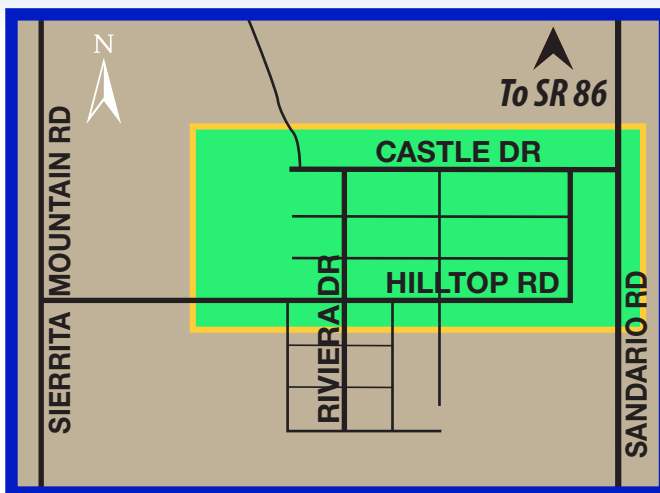


December 2015

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## Valley View Acres Water System

Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
94	54	1.46	0.36	7.7	273	61.9

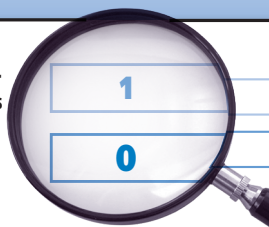
\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result



#### CHLORINE

Actual Average

1.0 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L